

AMENDMENTS TO THE CLAIMS:

Please amend claims 1 and 2, as indicated in the following listing of claims, which replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (currently amended) A method of desorbing methane or gas from a ~~an in-~~
~~situ~~ coal formation, comprising:
 - providing a sonic device,
 - positioning the sonic device into or adjacent a wellbore of the coal
formation,
 - producing a sonic or mechanical vibration in a media located near the coal
formation to thereby induce desorption of the methane or gas from the coal formation,
wherein the media is a wellcasing.

2. (currently amended) A device for desorption of methane or gas from ~~a an~~
~~in-situ~~ coal formation, comprising:
 - a first mechanical vibrating means for directly or indirectly producing a first
mechanical vibration in or adjacent a wellbore of the coal formation,
 - a second mechanical vibrating means for directly or indirectly producing a
second mechanical vibration in or adjacent the wellbore of the coal formation,
 - wherein the vibrating means produce produces the vibration vibrations to
propagate into the coal formation and interact to produce an interference within the coal
formation and thereby desorb the methane or gas from the coal formation.